

Appl. No. 09/876,494
Amdt. Dated: October 17, 2003
Reply to Office Action of May 23, 2003

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 12 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 **Claims 1-11** (Canceled) .

1 **Claim 12** (Currently amended): A liquid crystal
2 display device comprising:

3 a liquid crystal panel comprising liquid crystal
4 cells, a first plate disposed on a displaying side of the
5 cells, and a second plate disposed on a reverse side of the
6 cells;

7 a liquid crystal driver electrically connected
8 with the liquid crystal panel through a circuit pattern;
9 and

10 a light shielding material disposed adjacent said
11 liquid crystal driver so as to prevent an outer light from
12 being incident to said liquid crystal driver, wherein

13 one end of said liquid crystal panel is located
14 on ~~the~~ a film carrier, ~~and~~ said end ~~is being~~ covered with
15 a light shielding film extending from a displaying side of
16 said liquid crystal panel to a displaying side of said film
17 carrier.

1 **Claim 13** (Withdrawn): The liquid crystal display
2 device according to the claim 12,
3 wherein said first plate has a reverse side
4 facing the liquid crystal cells and an opposite displaying
5 side said liquid crystal driver is mounted on the reverse
6 side of the first plate, and said light shielding material
7 comprises a light shielding film affixed to the displaying
8 side of said first plate so as to cover an area which is
9 opposite to a mounting position of said liquid crystal
10 driver.

1 **Claim 14** (Withdrawn) The liquid crystal display
2 device according to the claim 12,
3 wherein said second plate has a displaying side
4 facing the liquid crystal cells and an opposite reverse
5 side and said liquid crystal driver is mounted on the
6 display side of the second plate, and
7 said light shielding material comprised a light
8 shielding film affixed to the reverse side of the second
9 plate.

1 **Claim 15** (Withdrawn): The liquid crystal display
2 device according to the claim 12,
3 wherein said circuit pattern is formed on a film
4 carrier;
5 said liquid crystal driver is mounted on the film
6 carrier and disposed under the second plated; and
7 said light shielding material comprises a light
8 shielding film affixed on a surface of said liquid crystal
9 driver facing the second plate.

1 **Claim 16** (Withdrawn): The liquid crystal display
2 device according to the claim 15,
3 wherein said liquid crystal driver is mounted on
4 a surface of said film carrier facing the second plate;
5 and a surface of said liquid crystal driver
6 opposite the second plate is covered with light shielding
7 resin.

1 **Claim 17** (Withdrawn): The liquid crystal display
2 device according to the claim 15,
3 wherein said liquid crystal driver is mounted on
4 a surface of said film carrier opposite the second plate;

5 and a surface of said liquid crystal driver
6 facing the second plate is covered with light shielding
7 resin.

1 **Claim 18** (Previously presented): The liquid crystal
2 display device according to the claim 12,
3 wherein the device is further mounted in a
4 portable telephone terminal.

1 **Claim 19** (Previously presented): The liquid crystal
2 display device according to the claim 12, further
3 comprising a diffusion sheet located adjacent said liquid
4 crystal display panel, wherein said diffusion sheet is
5 composed of a light diffusing area and a light absorbing
6 area located on the outer periphery thereof, the light
7 diffusing area serving to diffuse illumination light from
8 a light source to the liquid crystal display panel, and the
9 light absorbing area serving to absorb the extraneous light
10 incident on said liquid crystal driver.

1 **Claim 20** (Currently amended): The liquid crystal
2 display device according to the claim ~~12~~ 19, wherein the
3 first plate has a first transparent electrode, the second
4 plate has a second transparent electrode, and the liquid

5 crystal cells are carried between the first and second
6 transparent electrodes and;

7 the device further comprises a light shielding
8 resin covering an exposed area of the first transparent
9 electrode from the liquid crystal cells so that the light
10 which reflects from ~~said~~ a diffusion sheet to reach the
11 liquid crystal is shielded.

1 **Claim 21** (Previously presented): The liquid crystal
2 display device according to the claim 20, wherein said
3 light shielding resin and said light absorbing area of said
4 diffusion sheet are colored in black.

5 **Claim 22.** (Previously presented): The liquid crystal
6 display device according to the claim 20, wherein said
7 light shielding resin is colored black.

1 **Claim 23** (New): A liquid crystal display device
2 comprising:

3 a liquid crystal panel comprising liquid crystal
4 cells, a first plate disposed on a displaying side of the
5 cells, and a second plate disposed on a reverse side of the
6 cells;

7 a liquid crystal driver electrically connected

8 with the liquid crystal panel through a circuit pattern;
9 and

10 a light shielding material disposed adjacent said
11 liquid crystal driver so as to prevent an outer light from
12 being incident to said liquid crystal driver;

13 a diffusion sheet located adjacent said liquid
14 crystal display panel, wherein

15 said diffusion sheet is composed of a light
16 diffusing area and a light absorbing area located on the
17 outer periphery thereof, the light diffusing area serving
18 to diffuse illumination light from a light source to the
19 liquid crystal display panel, and the light absorbing area
20 serving to absorb the extraneous light incident on said
21 liquid crystal driver, wherein

22 one end of said liquid crystal panel is located
23 on a film carrier, said end being covered with a light
24 shielding film extending from said liquid crystal panel to
25 said film carrier.

1 **Claim 24** (New): A liquid crystal display device
2 comprising:

3 a liquid crystal panel comprising liquid crystal
4 cells, a first plate disposed on a displaying side of the
5 cells, and a second plate disposed on a reverse side of the
6 cells;

7 a liquid crystal driver electrically connected
8 with the liquid crystal panel through a circuit pattern;
9 and

10 a light shielding material disposed adjacent said
11 liquid crystal driver so as to prevent an outer light from
12 being incident to said liquid crystal driver, wherein

13 one end of said liquid crystal panel is located
14 on the film carrier, said end being covered with a light
15 shielding film extending from a reverse side of said liquid
16 crystal panel to a reverse side of said film carrier.

1 **Claim 25** (New): A liquid crystal display device
2 comprising:

3 a liquid crystal panel comprising liquid crystal
4 cells, a first plate disposed on a displaying side of the
5 cells, and a second plate disposed on a reverse side of the
6 cells;

7 a liquid crystal driver electrically connected
8 with the liquid crystal panel through a circuit pattern;
9 and

10 a light shielding material disposed adjacent said
11 liquid crystal driver so as to prevent an outer light from
12 being incident to said liquid crystal driver, wherein

13 one end of said liquid crystal panel is located
14 on the film carrier, said end being covered with a light

15 shielding film extending from said liquid crystal panel to
16 said film carrier, wherein
17 another end of said liquid crystal panel is
18 projected away from the film carrier.

1 **Claim 26** (New): A liquid crystal display device
2 comprising:

3 a liquid crystal panel comprising liquid crystal
4 cells, a first plate disposed on a displaying side of the
5 cells and having a first transparent electrode, and a
6 second plate disposed on a reverse side of the cells and
7 having a second transparent electrode, the liquid crystal
8 cells being carried between the first and second
9 transparent electrodes;

10 a liquid crystal driver electrically connected
11 with the liquid crystal panel through a circuit pattern;

12 a light shielding material disposed adjacent said
13 liquid crystal driver so as to prevent an outer light from
14 being incident to said liquid crystal driver; and

15 a light shielding resin covering an exposed area
16 of the first transparent electrode from the liquid crystal
17 cells so that the light which reflects from a diffusion
18 sheet to reach the liquid crystal is shielded;

19 wherein one end of said liquid crystal panel is
20 located on the film carrier, said end being covered with a

21 light shielding film extending from a reverse side of said
22 liquid crystal panel to a reverse side of said film
23 carrier.

1 **Claim 27** (New): The liquid crystal display device
2 according to the claim 26, wherein said light shielding
3 resin and said light absorbing area of said diffusion sheet
4 are colored in black.

1 **Claim 28** (New): The liquid crystal display device
2 according to the claim 26, wherein said light shielding
3 resin is colored black.